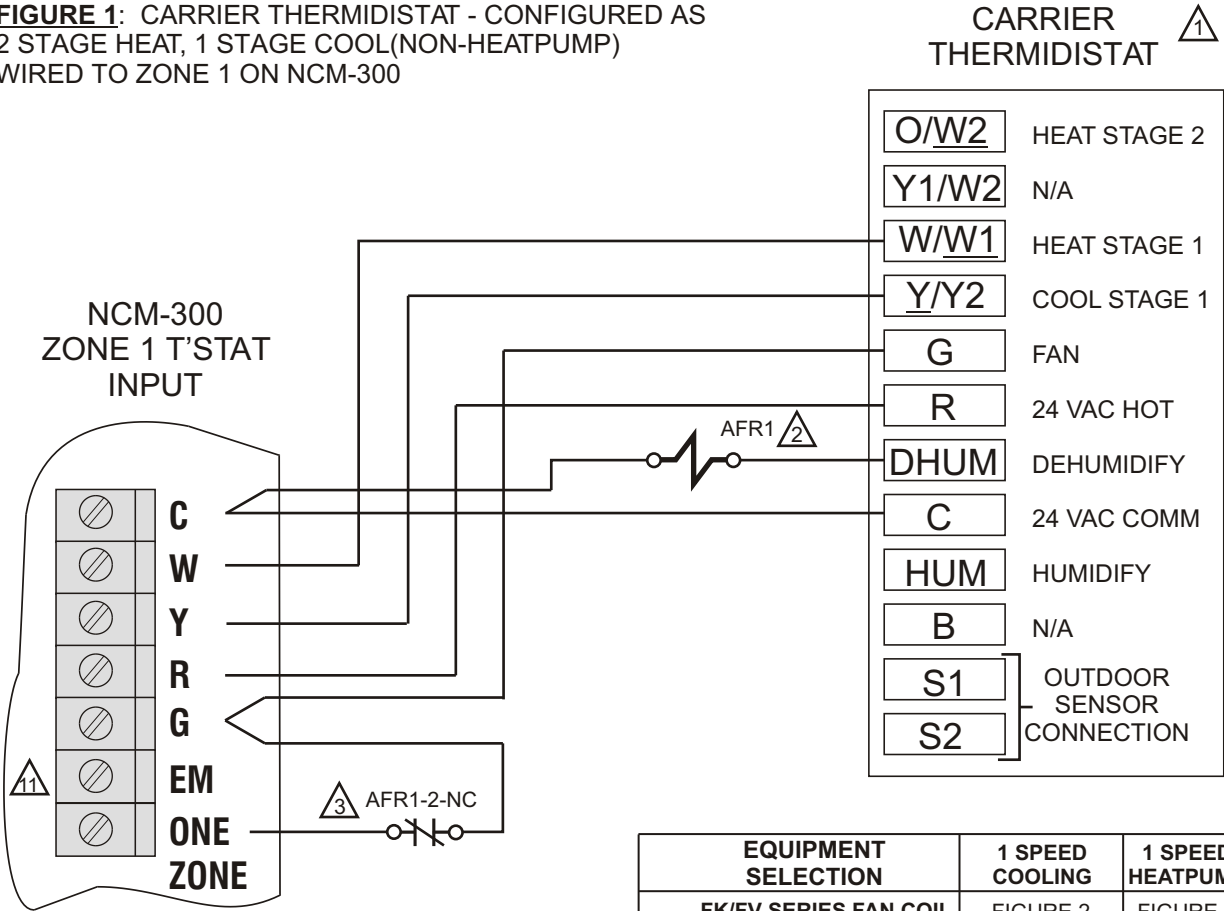


WIRING DIAGRAM

FIGURE 1: CARRIER THERMIDISTAT - CONFIGURED AS 2 STAGE HEAT, 1 STAGE COOL (NON-HEATPUMP) WIRED TO ZONE 1 ON NCM-300



EQUIPMENT SELECTION	1 SPEED COOLING	1 SPEED HEATPUMP
FK/FV SERIES FAN COIL	FIGURE 2	FIGURE 3
VARIABLE-SPEED 2 STAGE NON-CONDENSING FURNACE	FIGURE 4	FIGURE 5
VARIABLE-SPEED 2-STAGE CONDENSING FURNACE WITHOUT DE CONNECTION	FIGURE 6	FIGURE 7
VARIABLE-SPEED 2-STAGE CONDENSING FURNACE WITH DE CONNECTION	FIGURE 8	FIGURE 9

- 1 THERMIDISTAT MUST BE CONFIGURED FOR 2 STAGE HEAT, 1 STAGE COOL -- NON HEATPUMP
- 2 AFR1 - DPDT RELAY W/ 24VAC COIL
- 3 OPTIONAL - ENERGIZES PANEL TO ONE ZONE MODE SO ALL ZONES GAIN DEHUMIDIFICATION WHEN CALLED
- 4 RECOMMENDED DIP SWITCH SETTINGS FOR PARTICULAR APPLICATION
* INDICATES REQUIRED SETTING
- 5 DO NOT CONNECT EQUIPMENT COMMON ('COM' or 'C') TO NCM-300
- 6 NO JUMPER REQUIRED IF 'RC/RH' LINK IS NOT CUT
- 7 OUTDOOR BULB THERMOSTAT 35°F -- SPDT
- 8 SUPPLY MOUNTED BONNET THERMOSTAT 140°F
- 9 REFER TO CARRIER INSTALLATION INSTRUCTION FOR DETAILS ON SETTING UP DEHUMIDIFICATION
- 10 FOSSIL FUEL KITS CAN BE USED IN PLACE OF OUTDOOR T'STAT AND BONNET T'STAT CONTACT TECHNICAL SUPPORT FOR INFORMATION
- 11 WHEN USING A HEATPUMP, IF EMERGENCY HEAT IS DESIRED, A REMOTE EMERGENCY SWITCH (MODEL-RES) MUST BE USED

 EWC [®] CONTROLS INC. Englishtown, NJ 07726	DWN ENG: EDK		DWG NAME: NCM-300 DEHUMIDIFICATION W/ CARRIER THERMIDISTAT	
	SIZE: A	DATE: 12/15/03	DWG NO: 090512A0011	REV: C
	SCALE: NOT TO SCALE	COPYRIGHT © EWC CONTROLS INC. ALL RIGHTS RESERVED		SHEET: 1 OF 5

FIGURE 2: FK AND FV SERIES FAN COIL W/ 1-SPEED AIR CONDITIONER

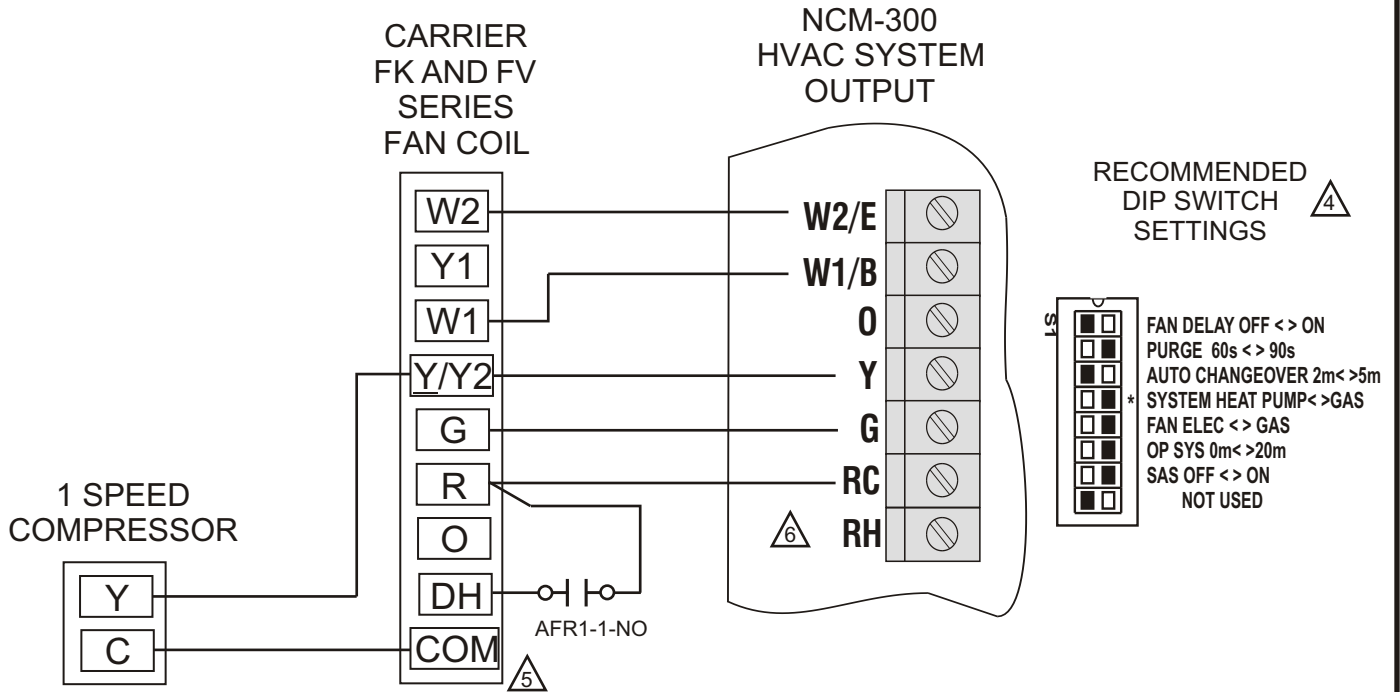
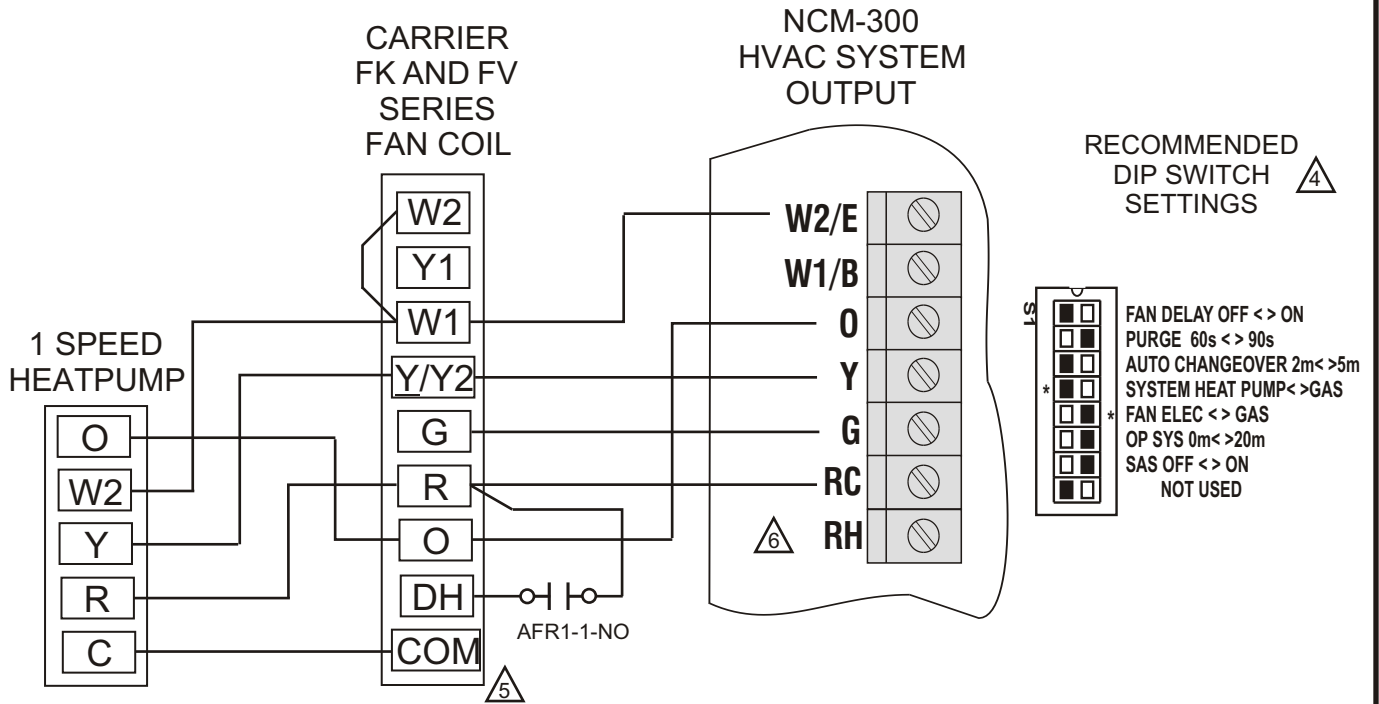


FIGURE 3: FK AND FV SERIES FAN COIL W/ 1-SPEED HEATPUMP



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FIGURE 4: VARIABLE-SPEED 2-STAGE NON-CONDENSING FURNACE W/ 1-SPEED AIR CONDITIONER

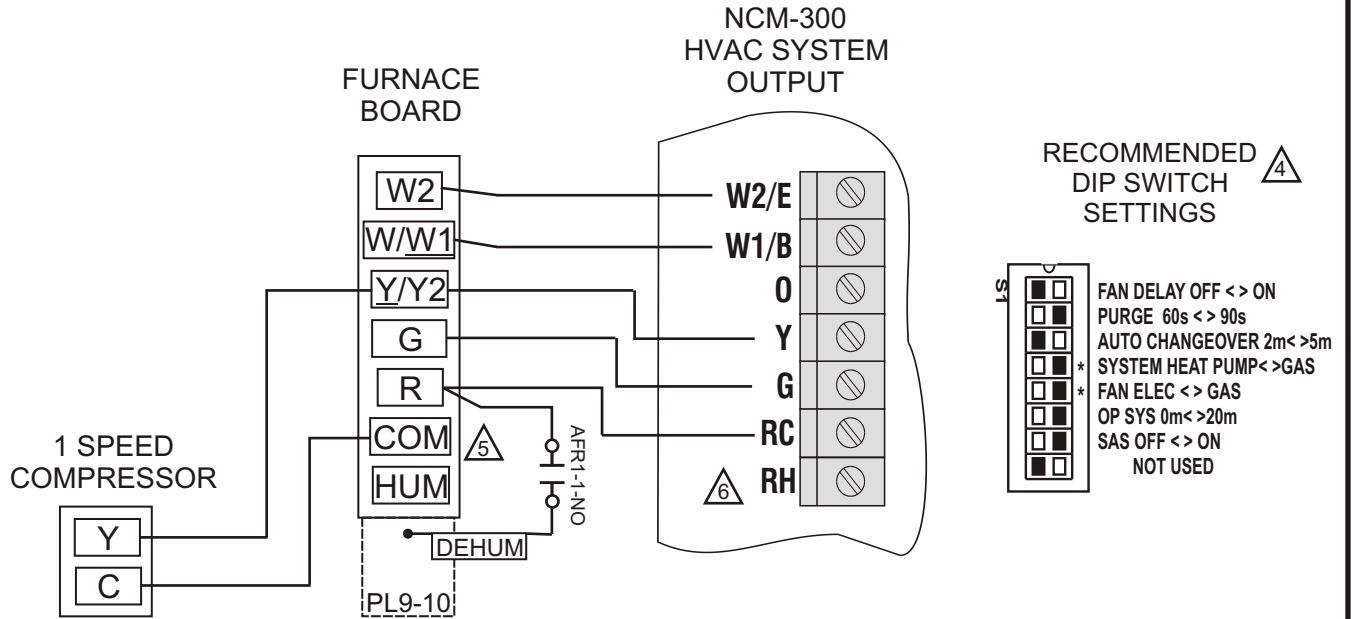
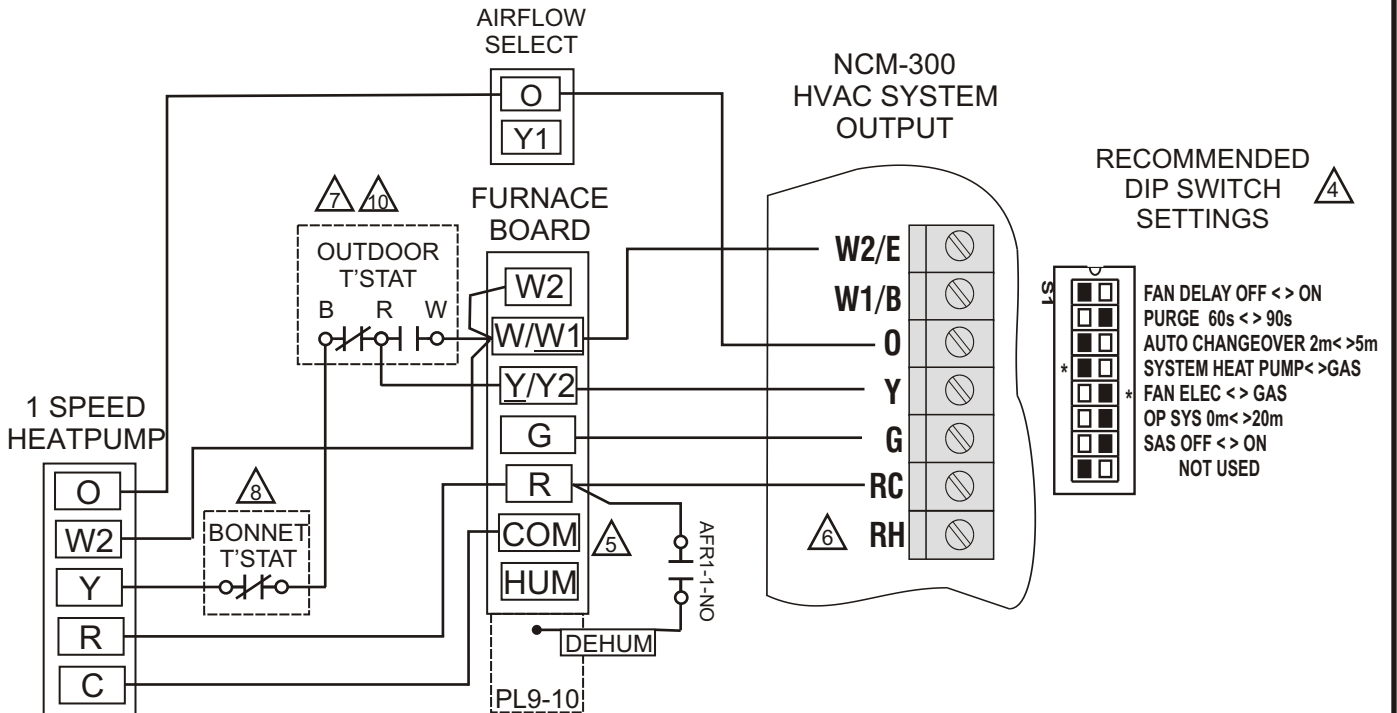


FIGURE 5: VARIABLE-SPEED 2-STAGE NON-CONDENSING FURNACE W/ 1-SPEED HEATPUMP (DUAL FUEL)



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FIGURE 6: VARIABLE-SPEED 2-STAGE CONDENSING FURNACE
 --W/O DE CONNECTION-- W/ 1-SPEED AIR CONDITIONER

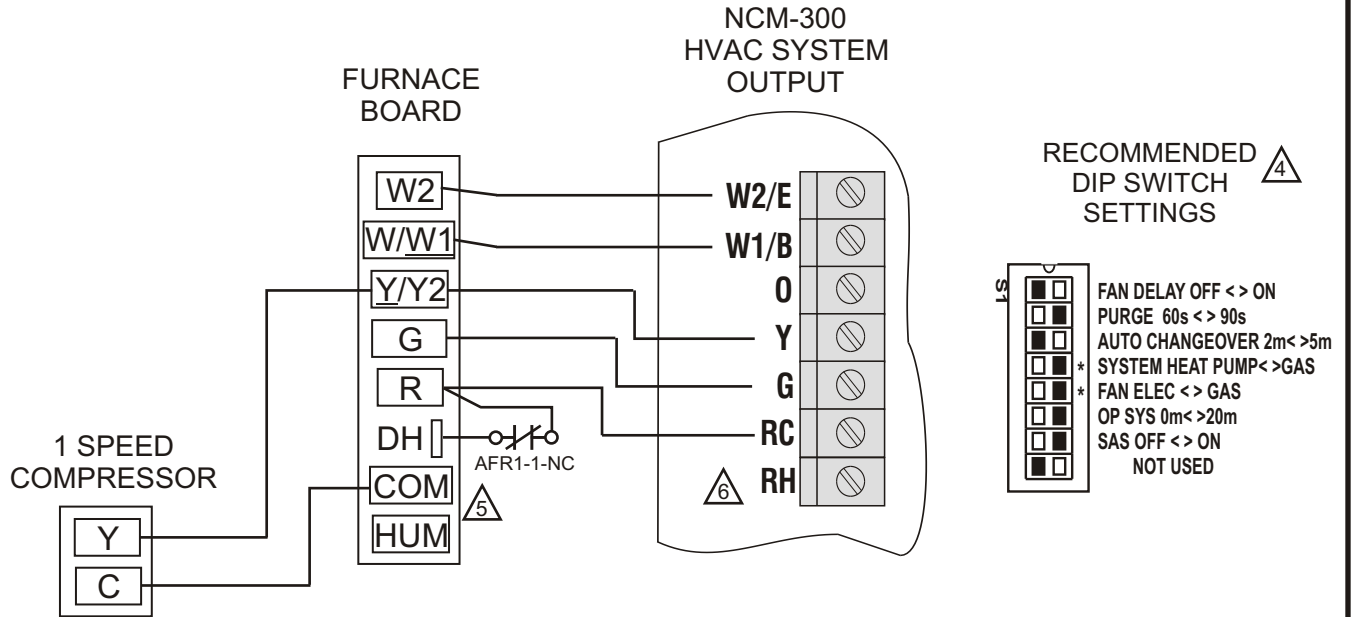
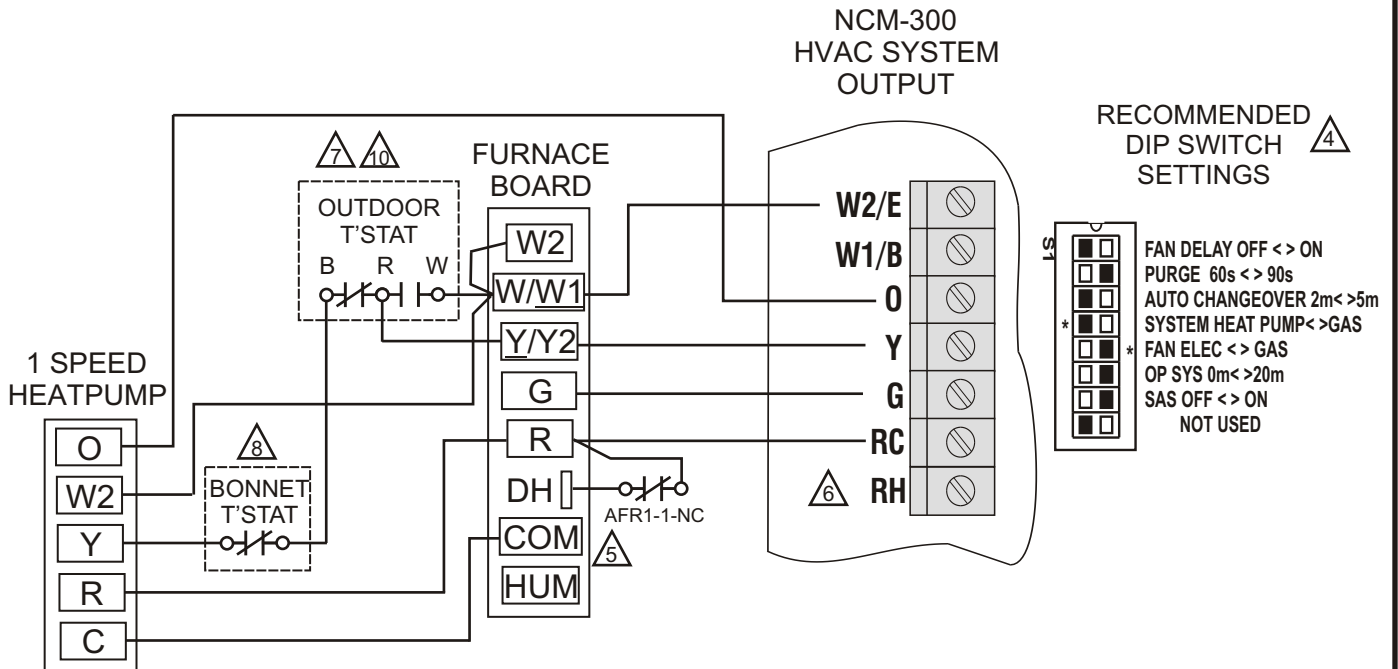


FIGURE 7: VARIABLE-SPEED 2-STAGE CONDENSING FURNACE
 --W/O DE CONNECTION-- W/ 1-SPEED HEATPUMP (DUAL FUEL)



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FIGURE 8: VARIABLE-SPEED 2-STAGE CONDENSING FURNACE
 --W/ DE CONNECTION-- W/ 1-SPEED AIR CONDITIONER

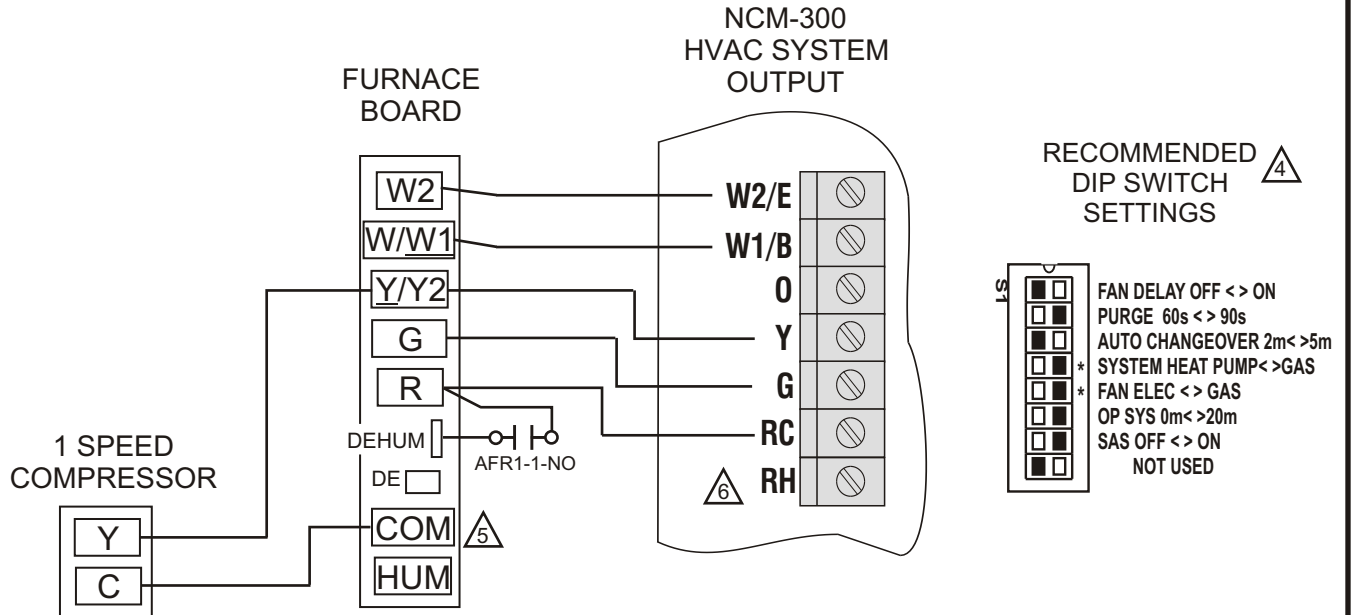
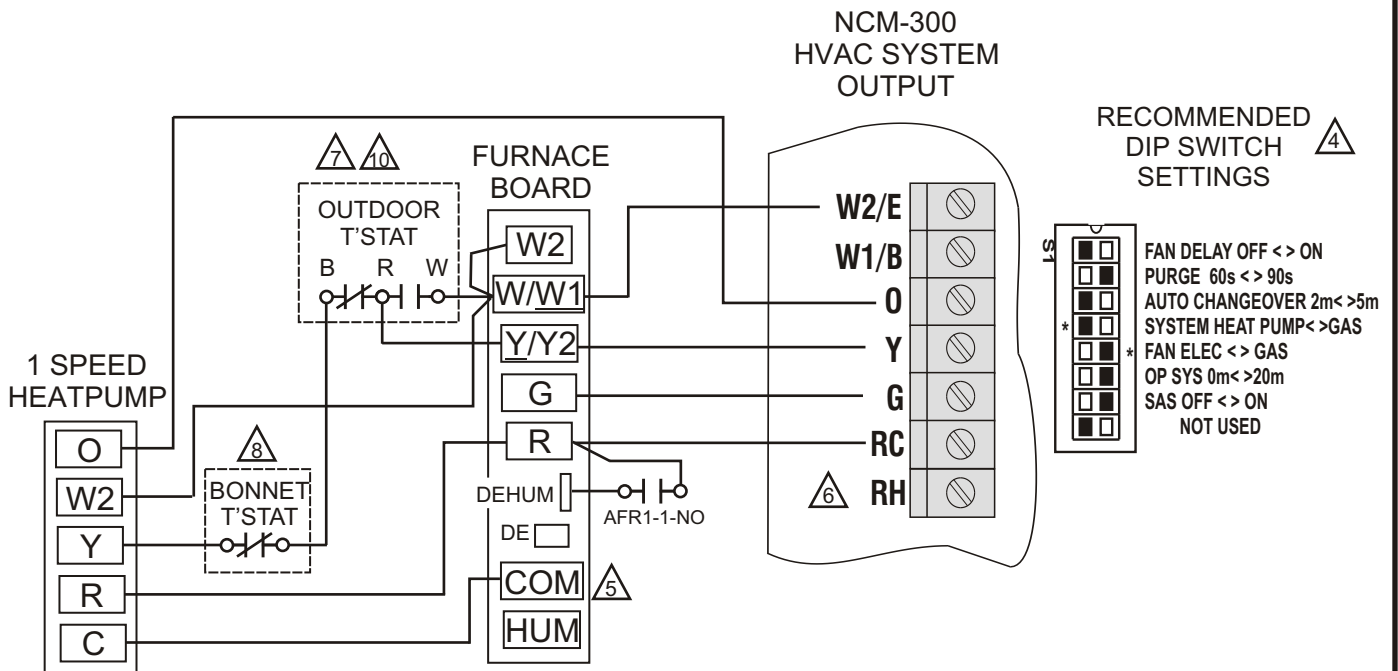


FIGURE 9: VARIABLE-SPEED 2-STAGE CONDENSING FURNACE
 --W/ DE CONNECTION-- W/ 1-SPEED HEATPUMP (DUAL FUEL)



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